

Title (en)

METHOD OF PREVENTING GRAVITY JUMP AT EMERGENCY STOP IN ELEVATOR SYSTEMS

Title (de)

VERFAHREN ZUR VERHINDERUNG VON SCHWERKRAFTSPRÜNGEN BEI EINEM NOTSTOPP IN AUFZUGSSYSTEMEN

Title (fr)

PROCÉDÉ DE PRÉVENTION DE SAUT DE GRAVITÉ AU NIVEAU D'UN ARRÊT D'URGENCE DANS DES SYSTÈMES D'ASCENSEUR

Publication

EP 4008664 A1 20220608 (EN)

Application

EP 20212046 A 20201204

Priority

EP 20212046 A 20201204

Abstract (en)

A method of controlling an elevator car (22), the method comprising: driving the elevator car (22) with a drive system (30) including a drive device (32) and a brake device (36); detecting an emergency stop condition; triggering the brake device (36) in response to detecting an emergency stop condition; determining a delay to be applied between triggering the brake device (36) and stopping the drive device (32); and waiting for a time period corresponding to the delay before stopping the drive device (32).

IPC 8 full level

B66B 5/02 (2006.01)

CPC (source: CN EP US)

B66B 1/32 (2013.01 - US); **B66B 1/3492** (2013.01 - US); **B66B 5/0031** (2013.01 - CN); **B66B 5/02** (2013.01 - CN EP US); **B66B 5/28** (2013.01 - CN)

Citation (search report)

- [XYI] US 2016152440 A1 20160602 - HOPP ROMAN [CH]
- [X] WO 2016156658 A1 20161006 - KONE CORP [FI]
- [X] EP 3457555 A1 20190320 - KONE CORP [FI]
- [Y] WO 2008102051 A1 20080828 - KONE CORP [FI], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 4008664 A1 20220608; CN 114590670 A 20220607; CN 114590670 B 20240213; US 2022177263 A1 20220609

DOCDB simple family (application)

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